
Park Maintenance

**Carlyle Lake
Carlyle, Illinois**

SPECIFICATIONS FOR

Park Maintenance, Carlyle Lake, Carlyle, Illinois

SOLICITATION NUMBER: DACW43-99-B-0215

THIS SOLICITATION IS: Small Business Set-Aside



**US Army Corps
of Engineers
St. Louis District**

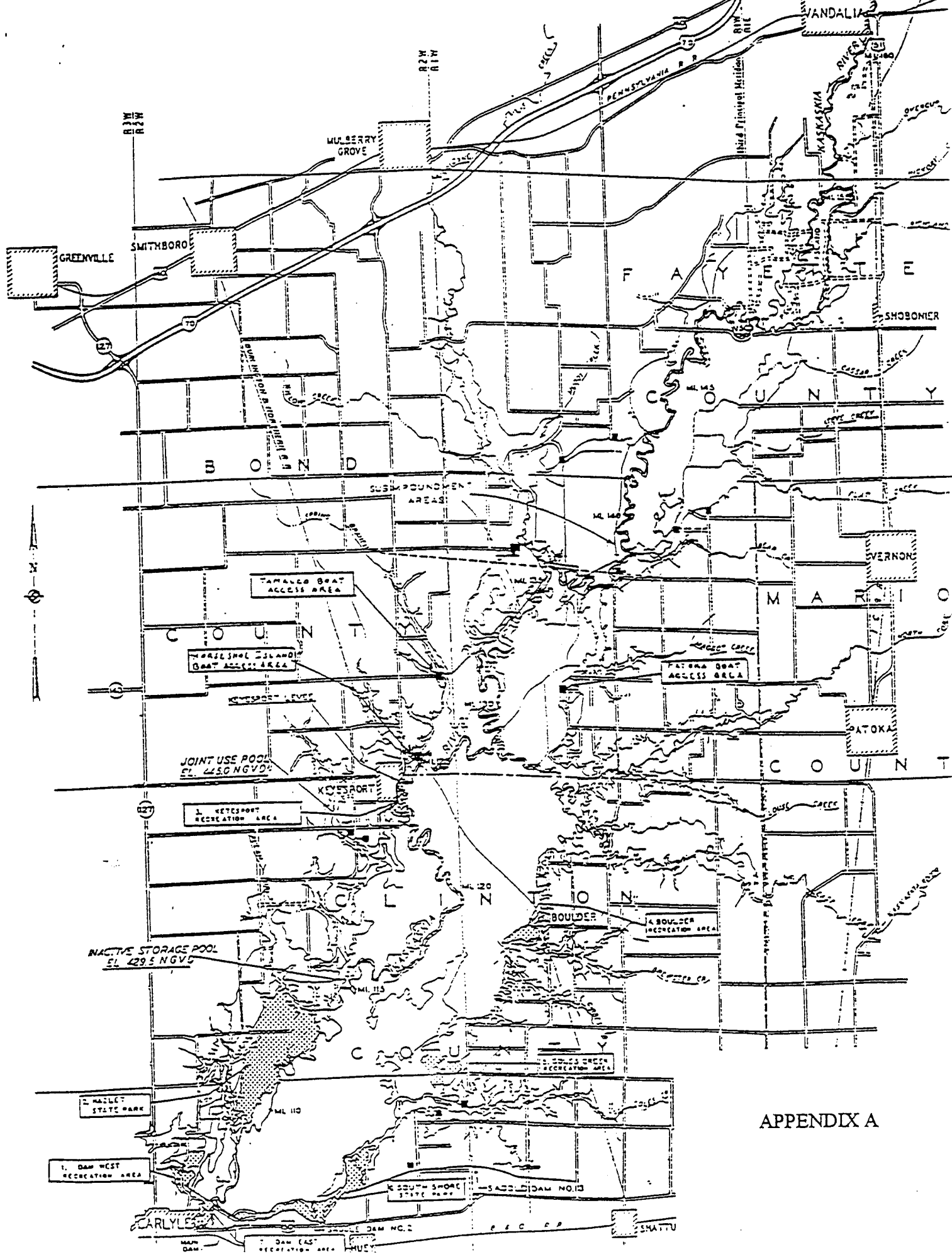
Gateway to Excellence

March 1999

Table Of Contents

Appendices

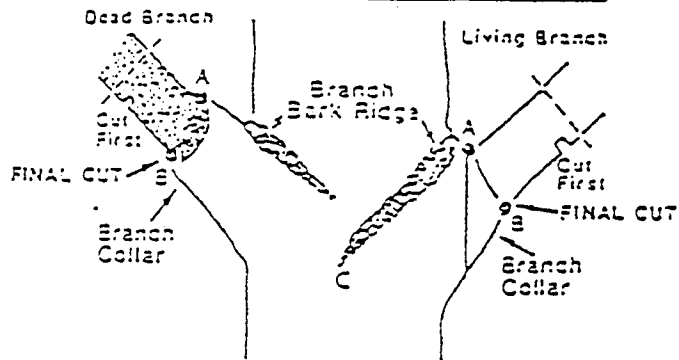
Appendix A	Carlyle Lake Recreation Areas
Appendix B	Tree Branch Pruning
Appendix C	Trees Flagged Orange
Appendix D	Trees Flagged Yellow
Appendix E	Trees Flagged Blue
Appendix F	Tree Planting
Appendix G	Rock Placement
Appendix H	Campsite Plans
Appendix I	Picnic Site Plans
Appendix J	Picnic Site Grill Details
Appendix K	Picnic & Campsite Plans
Appendix L	Lantern Hanger Details
Appendix M	Crib Wall Details
Appendix N	Footing Configuration Guidelines
Appendix O	Concrete Stairs and Aluminum Handrail
Appendix P	Quality Assurance Surveillance Plan (QASP)
Appendix Q	Experience Record



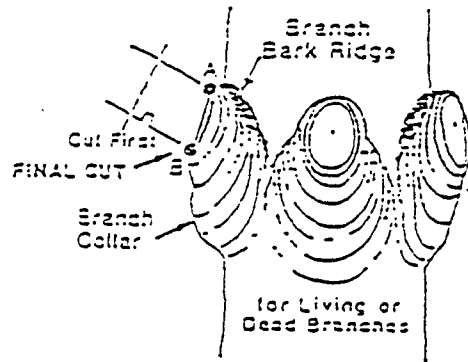
APPENDIX A

Tree Branch Pruning

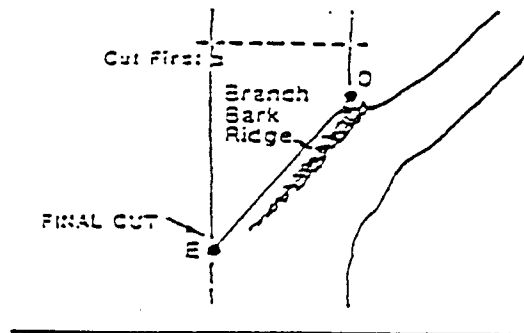
Hardwoods



Conifers

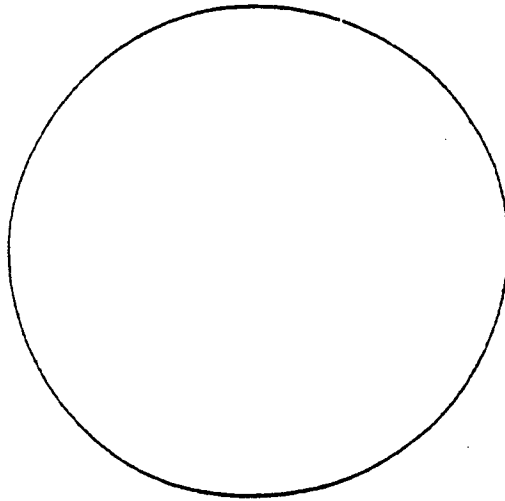


Topping

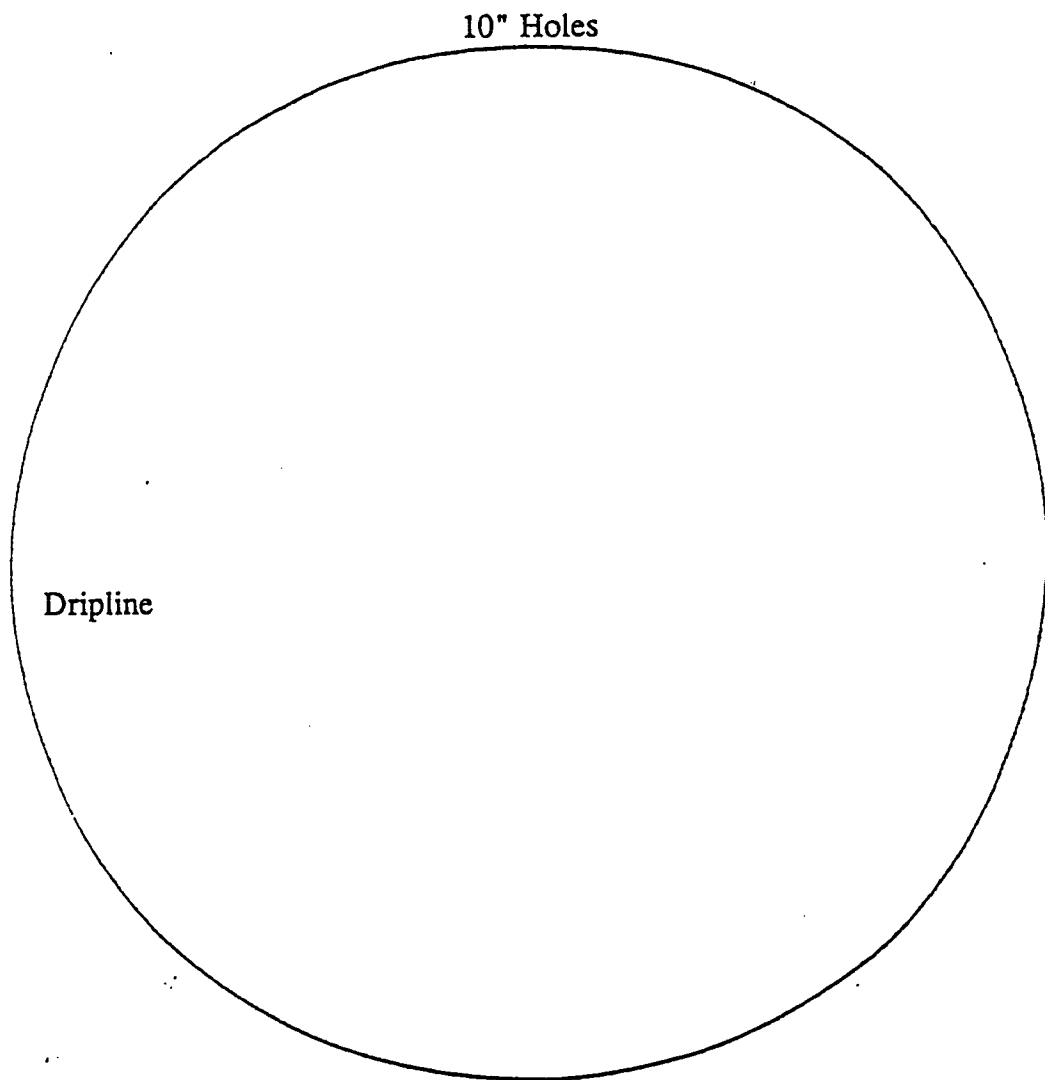


TREES FLAGGED ORANGE
1" - 2"

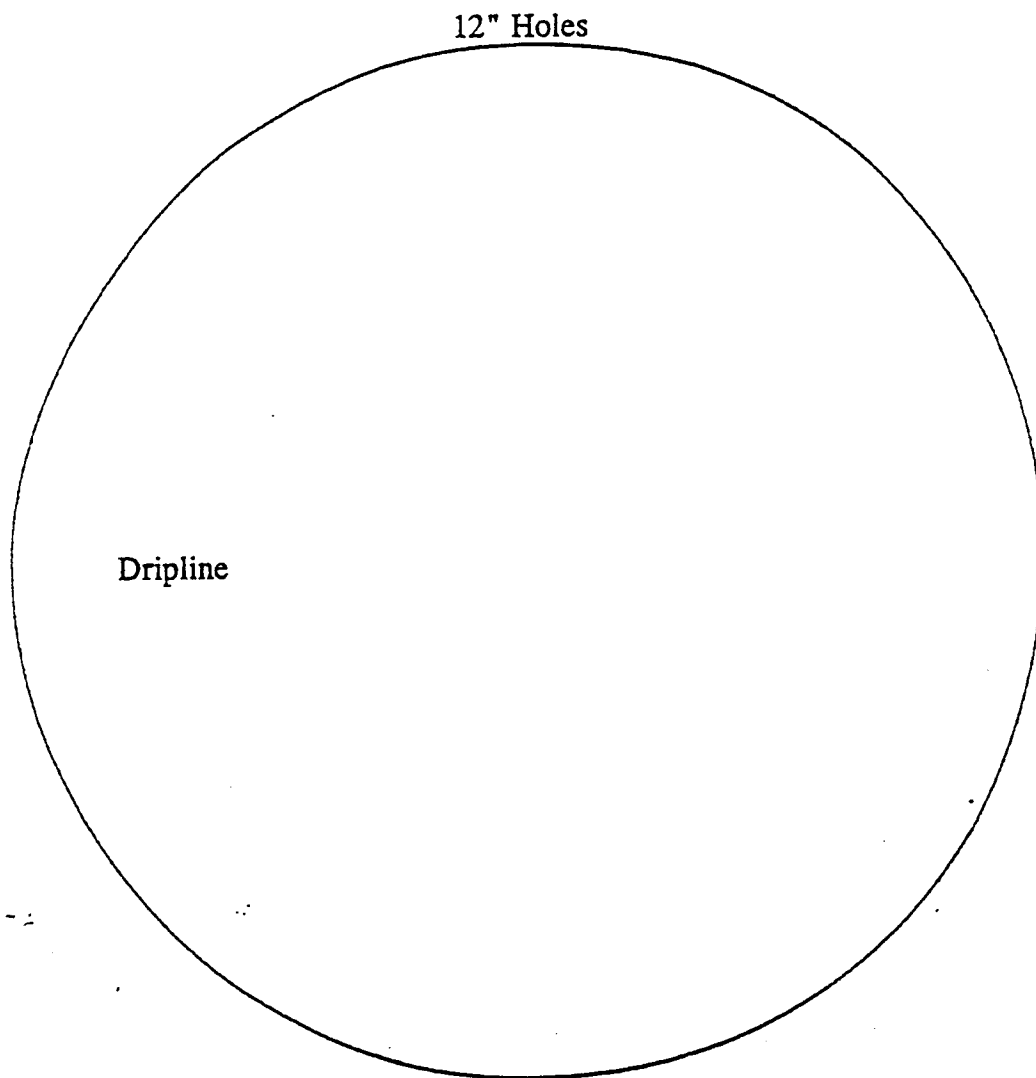
8" Holes



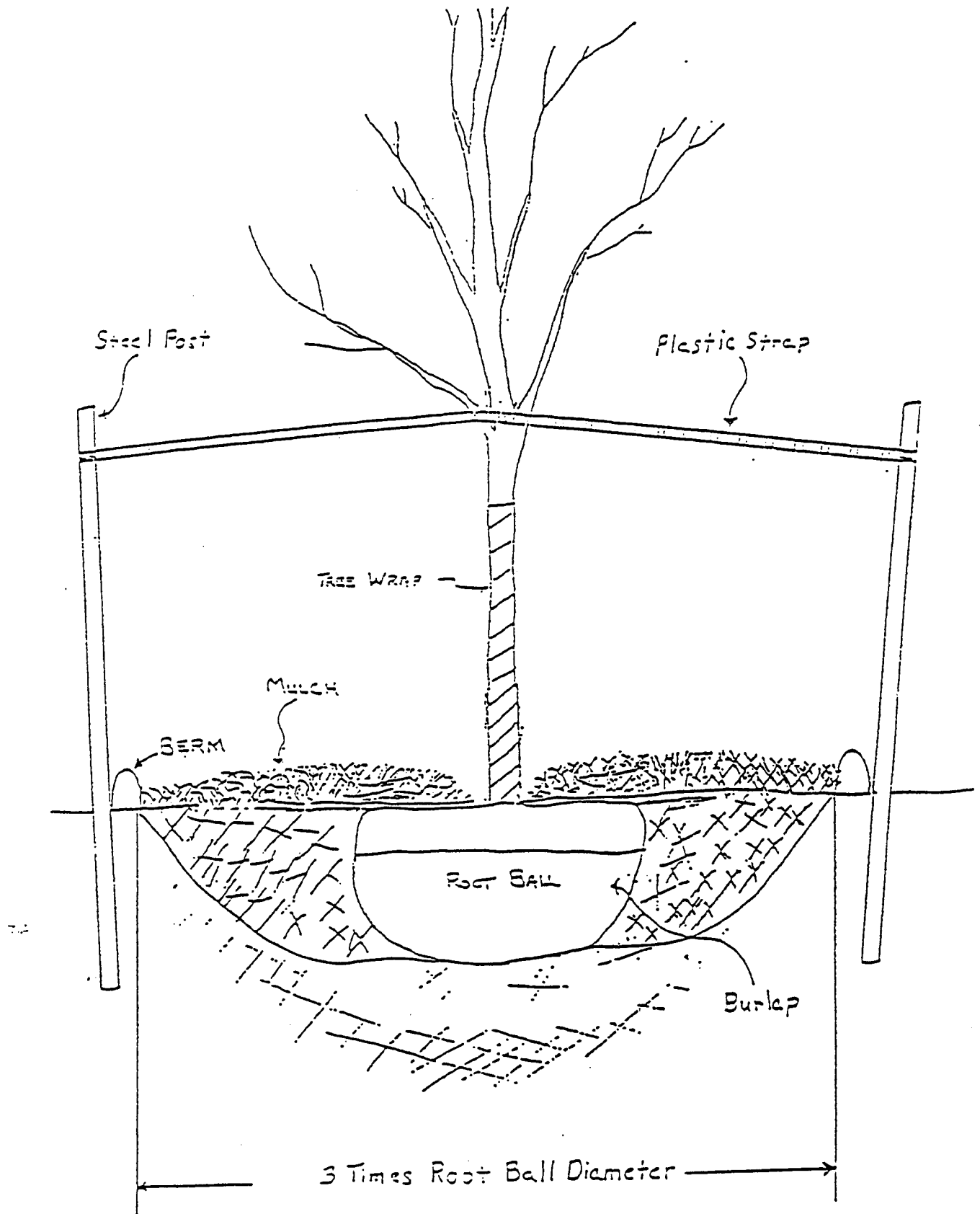
TREES FLAGGED YELLOW
2" - 3"



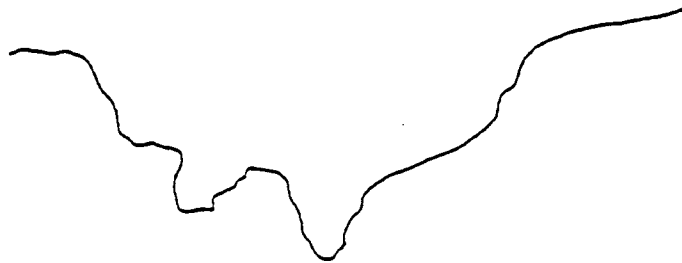
TREES FLAGGED BLUE
3" - 4"



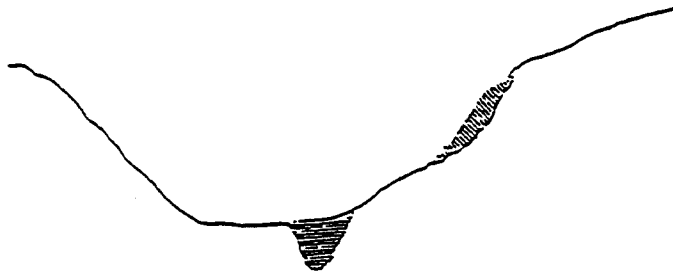
APPENDIX E



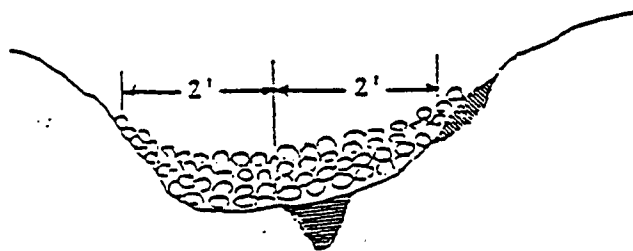
APPENDIX F



Eroded Ditch



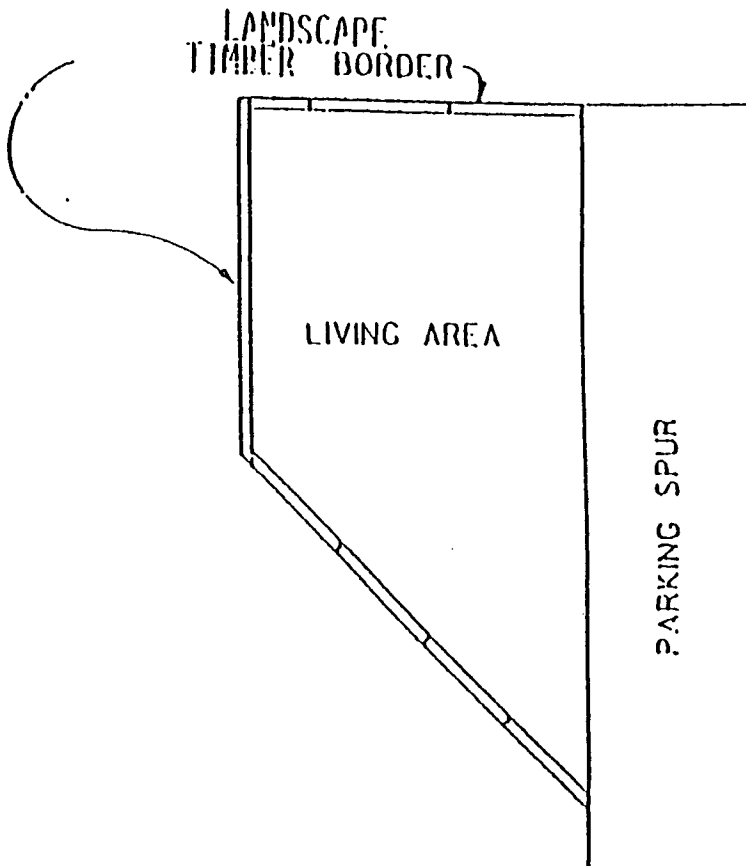
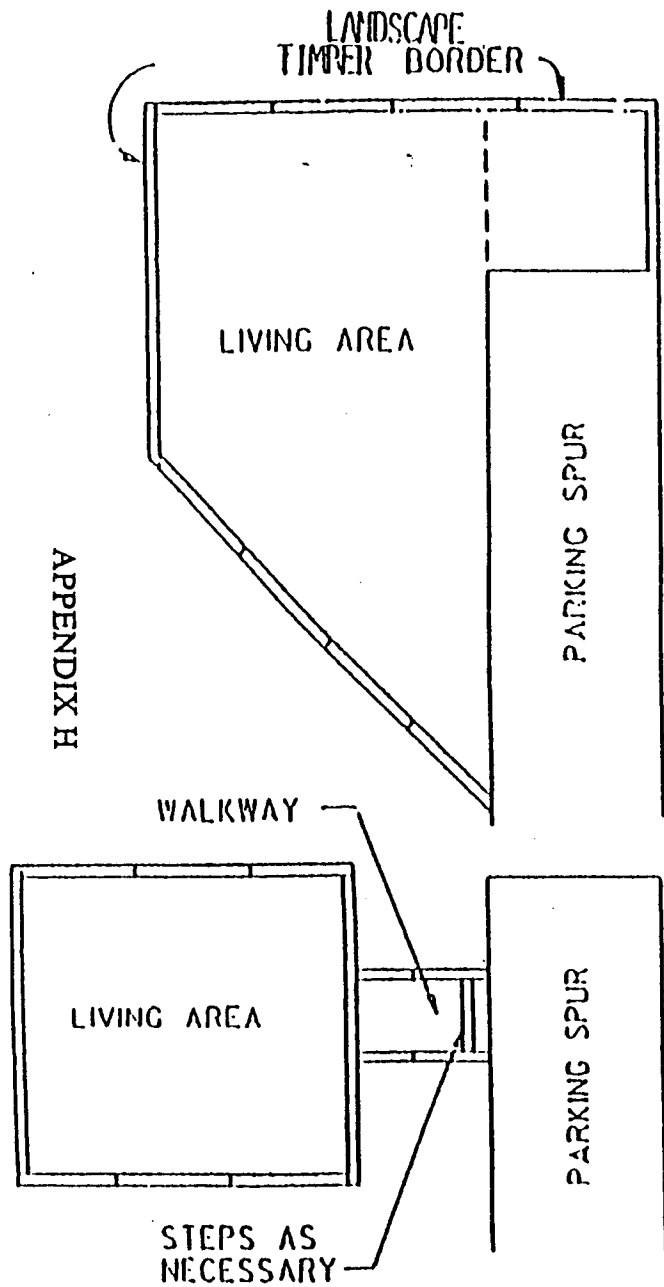
Eroded Ditch
reshaped for
for rock
placement



Eroded Ditch
with large
rock

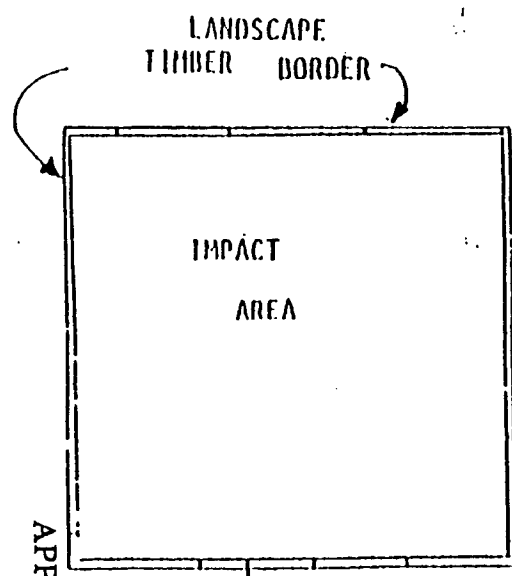
APPENDIX G

APPENDIX H

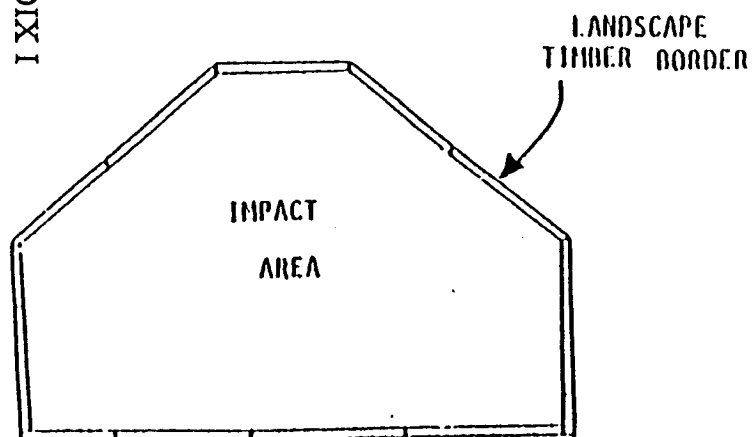
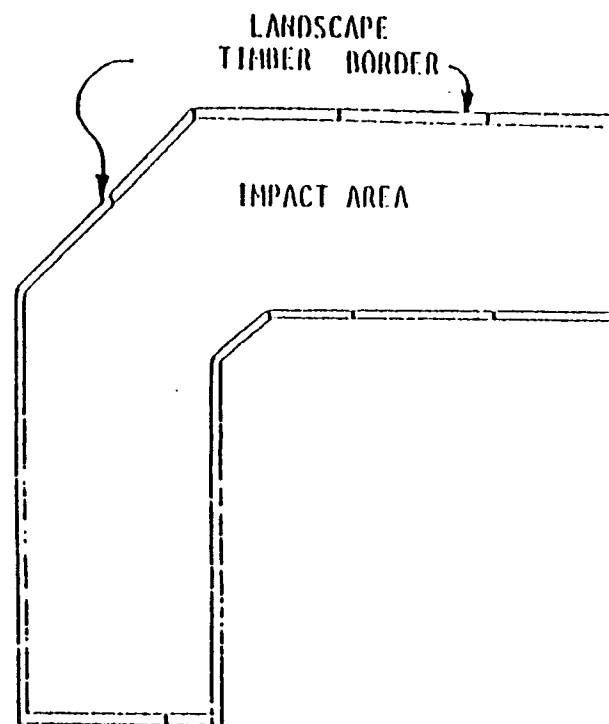


NOTE: This is a sample only. Other designs will be necessary, depending on site conditions.

CAMPSITE PLANS - TYPICAL PLAN VIEW



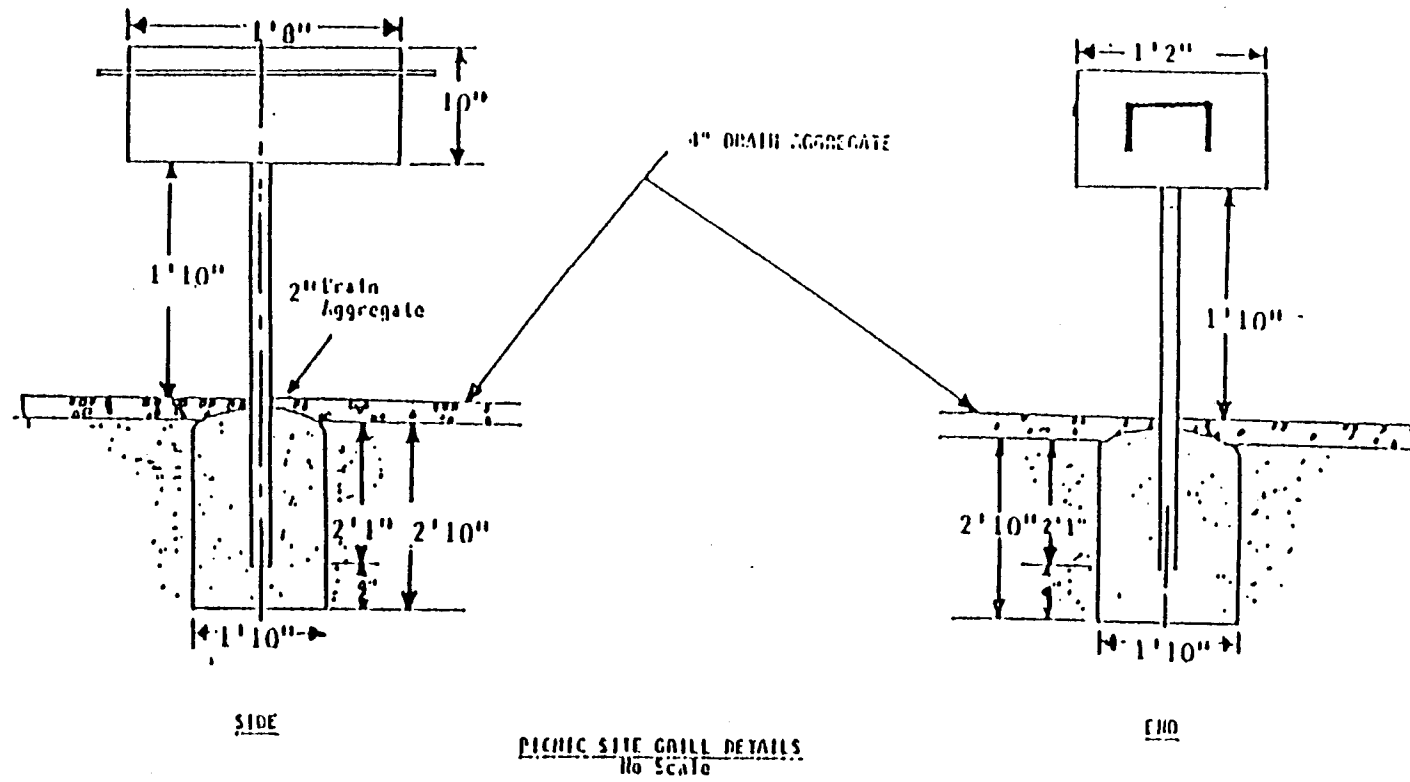
APPENDIX I

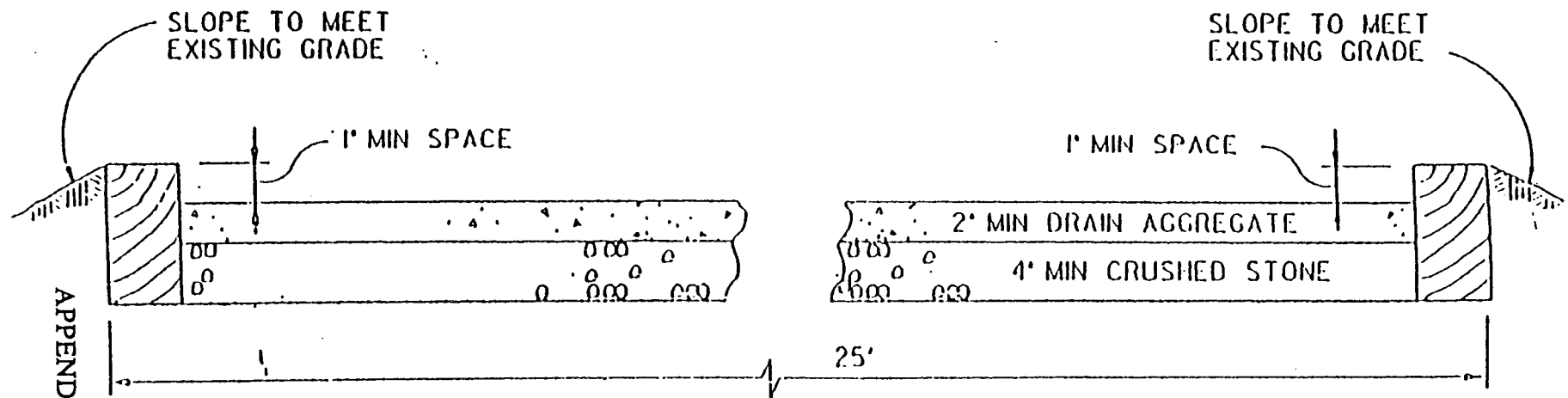


NOTE: This is a sample only. Other designs will be necessary, depending on site conditions.

PICNIC SITE PLANS - TYPICAL PLAN VIEW

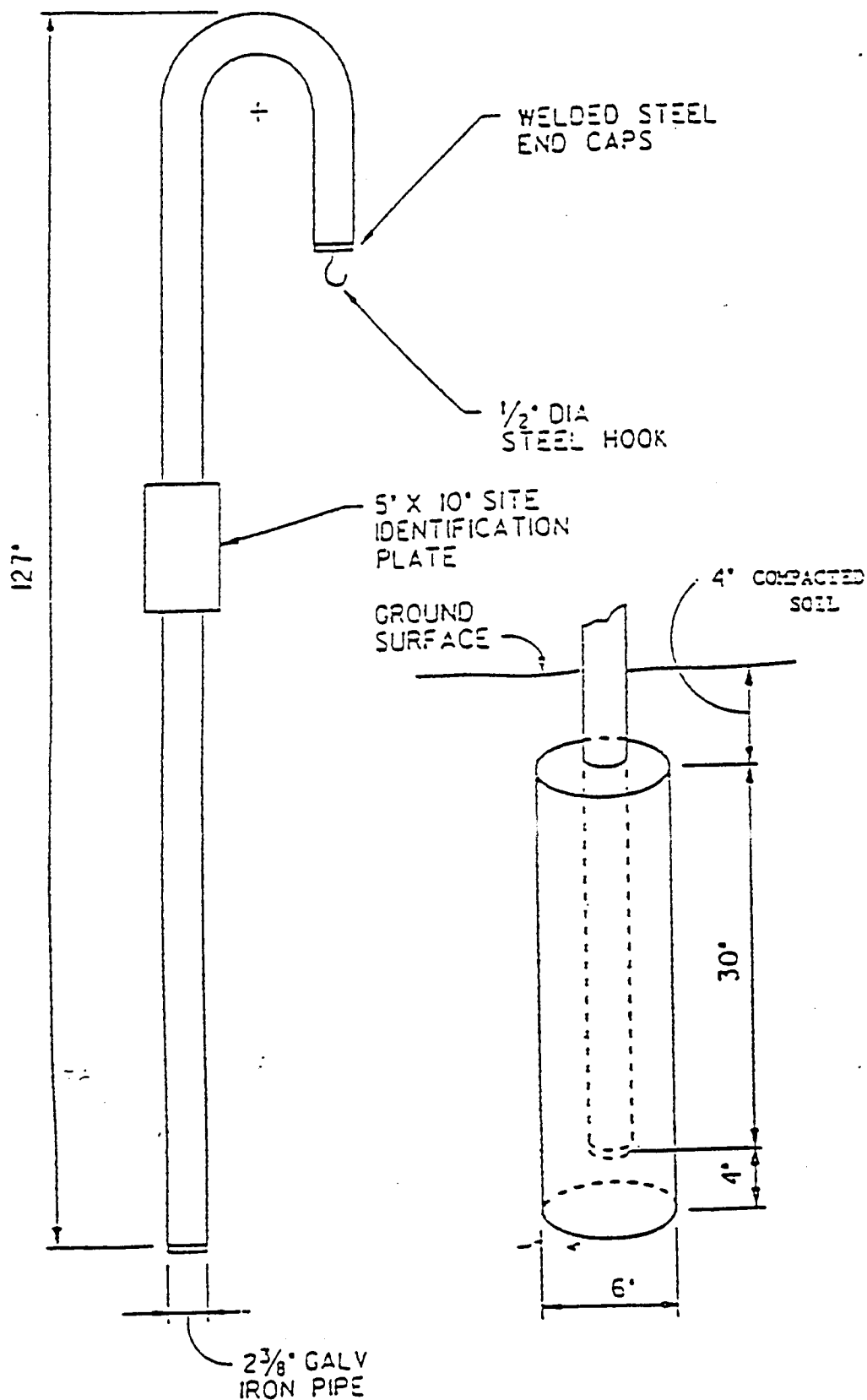
APPENDIX J





APPENDIX K

PICNIC SITE & CAMPSITE PLAN - TYPICAL CROSS SECTION



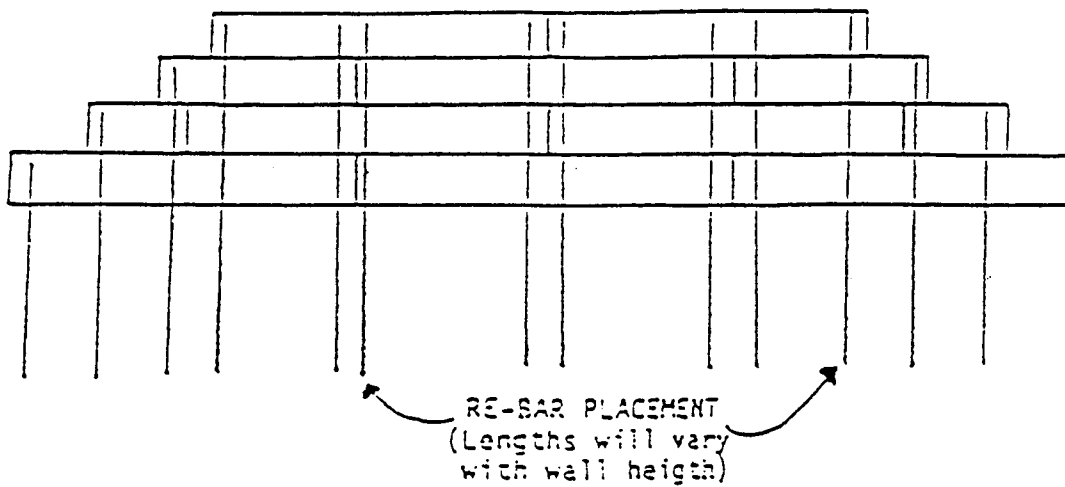
LANTERN HANGER DETAILS

NO SCALE

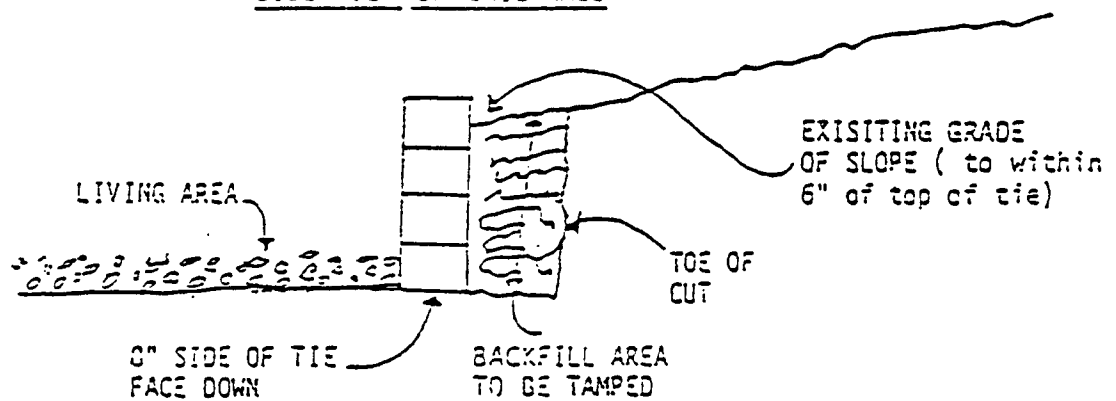
LANTERN HANGER

APPENDIX L
INSTALLATION FOOTING

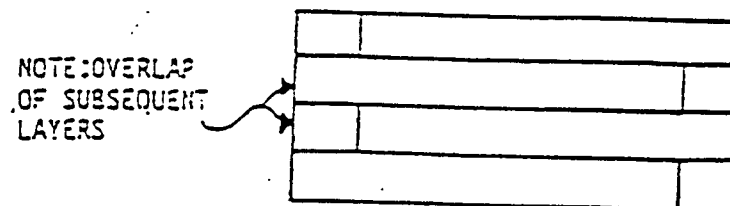
FRONT VIEW OF CRIB WALL



SIDE VIEW OF CRIB WALL



CORNER JOINT OF CRIB WALL



CRIB WALL DETAILS

RRW	RRW-1	RRW-2				RRW-6	RRW-7			
HDO	HDO-1	HDO-2	HDO-3	HDO-4	HDO-5	HDO-6	HDO-7	HDO-8	HDO-9	
ALU				ALU-4	ALU-5	ALU-6				
SCP						SCP-6	SCP-7			SCP-10

Specifications: General Conditions (Cont'd.)

B.2b

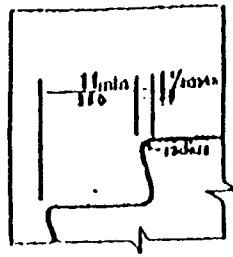
6. Engineering Criteria (Cont'd)

The required footing size and depth as specified in the two right columns of the diagram below, will depend on the criteria listed in the aforementioned columns. Use the diagram to select the appropriate footing configuration. Any conditions that go beyond the criteria shown below shall be engineered on a site-by-site basis.

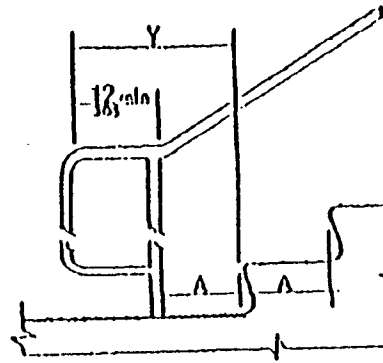
Footing Diagram

Post Size	Frost Depth	Post Number	HAGL	Panel Size (sq. ft.)	Panel Height	Footing Cross Section	Footing Depth
4" x 4", 4" x 6", 6" x 6"	0" - 30"	1	42"	≤9	≤4' - 6"	1' - 6"	2' - 6"
					>4' - 6"	1' - 6"	4' - 0"
				>9	na	1' - 6"	4' - 0"
			60"	≤7	≤3' - 6"	1' - 6"	2' - 6"
					>3' - 6"	1' - 6"	4' - 0"
				>7	na	1' - 6"	4' - 0"
		2	42"	≤20	≤5' - 0"	1' - 6"	2' - 6"
					>5' - 0"	1' - 6"	4' - 0"
				>20	na	1' - 6"	4' - 0"
			60"	≤16	≤4' - 0"	1' - 6"	2' - 6"
					>4' - 0"	1' - 6"	4' - 0"
				>16	na	1' - 6"	4' - 0"
4" x 4", 4" x 6", 6" x 6"	30" - 36"	1	42"	≤10	≤5' - 0"	1' - 6"	3' - 0"
					>5' - 0"	1' - 6"	4' - 0"
				>10	na	1' - 6"	4' - 0"
			60"	≤9	≤4' - 6"	1' - 6"	3' - 0"
					>4' - 6"	1' - 6"	4' - 0"
				>9	na	1' - 6"	4' - 0"
		2	42"	≤24	≤6' - 0"	1' - 6"	3' - 0"
					>6' - 0"	1' - 6"	4' - 0"
				>24	na	1' - 6"	4' - 0"
			60"	≤20	≤5' - 0"	1' - 6"	3' - 0"
					>5' - 0"	1' - 6"	4' - 0"
				>20	na	1' - 6"	4' - 0"
4" x 4", 4" x 6", 6" x 6"	36" - 48"	1,2	na	na	na	1' - 6"	4' - 0"
	6" x 8", 9" x 9"	1,2,3	na	na	na	2' - 0"	4' - 0"

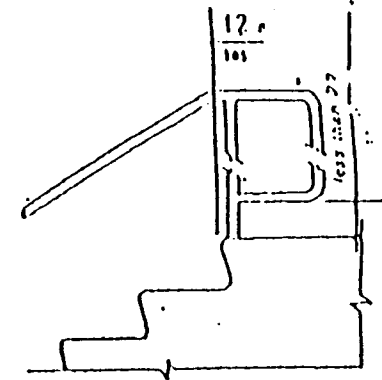
APPENDIX N



Flush Riser



Extension at Bottom of Run

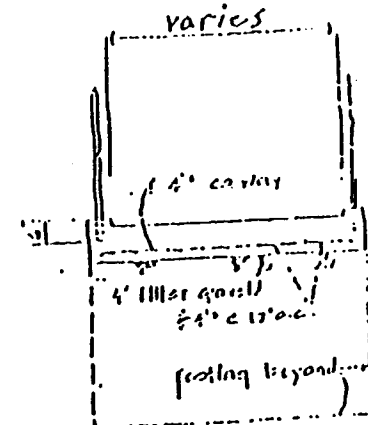
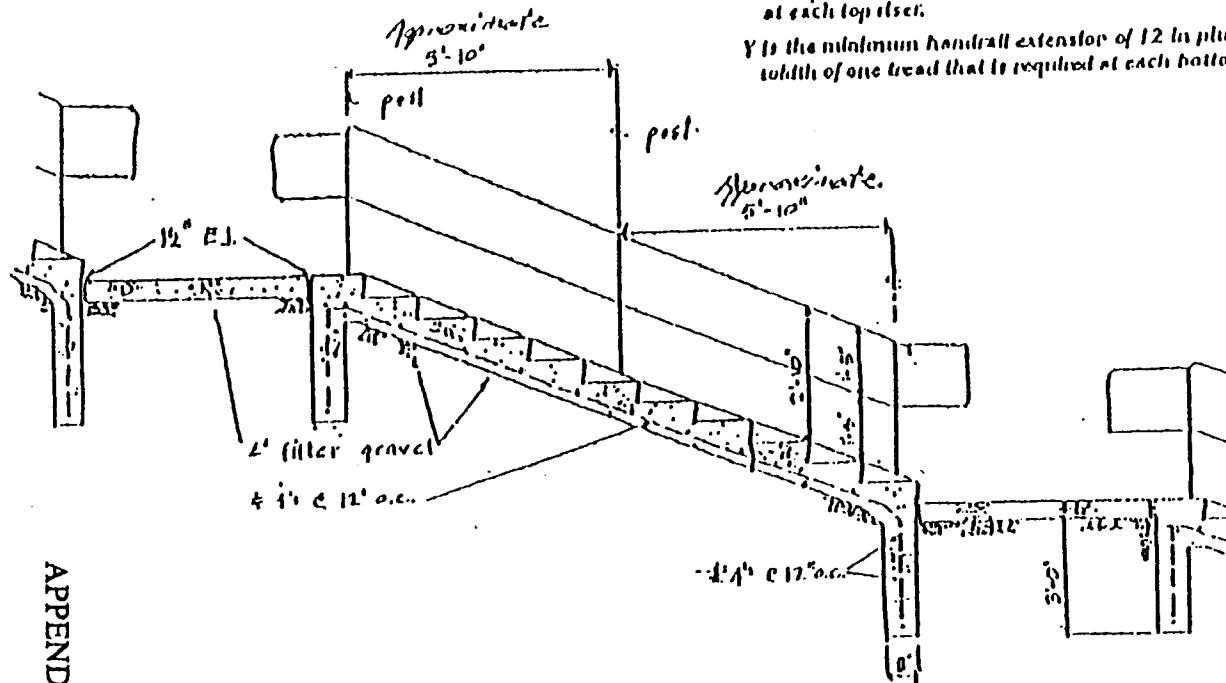


Extension at Top of Run

NOTE:

X is the 12 in minimum handrail extension required at each top riser.

Y is the minimum handrail extension of 12 in plus the width of one tread that is required at each bottom riser.



APPENDIX O

TYPICAL
CONCRETE STAIRS AND ALUMINUM HANDRAIL.

QUALITY ASSURANCE SURVEILLANCE PLAN

1. QUALITY ASSURANCE SURVEILLANCE PLAN (QASP). This plan will be used to assure the Government that the work specified under this contract is completed satisfactorily. This plan is included for information purposes only and will not be made part of any resulting contract. Payment Analysis will be conducted by using the 100% sampling methods; however, the Government has the right to change or modify inspection methods at its discretion.

2. PAYMENT ANALYSIS.

2.1 100% INSPECTION METHOD. Surveillance by this method requires that every occurrence of a performed service be monitored. Contract requirements using these evaluations are generally those that occur infrequently, or are essential, or are costly to perform, or at the Government's discretion.

2.1.1 Monitoring. Inspection of all services performed under this method will be conducted according to a schedule developed by the Government.

2.1.2 Deductions. The COR may require that all work which fails to provide the desired results be redone or reduce the contract price to equal the reduced value of the service. The Contractor will ensure that these defects do not reoccur. If the contractor fails to rework the rejected areas of the defects are reoccurring the Government may:

2.1.2.1 Reduce the contract price to equal the reduced value of the service.

2.1.2.2 Perform the required services, by contract or otherwise, and deduct any costs incurred by the Government that is directly related to the performance of such services from the Contractor's monthly invoice.

2.1.2.3 Terminate the contract for default. (Refer to contract clauses for further clarification.)

2.1.2.4 Deductions. The deductions taken under this method will be based on the following examples:

EXAMPLE: a. Monthly contract price for cleaning the picnic/camping units is = \$50.40.

b. Lot size in Temple Park is 60.

c. Sample size is 100% or 60.

EXPERIENCE RECORD

The following information is to be used only in determining responsibility of the bidder and will NOT become a part of the contract.

Bidder/Offeror is requested to furnish the information below pertaining to business performed for/with other Government agencies (Federal, State or Local) or private industry.

NAME AND ADDRESS OF GOVERNMENT AGENCY OR PRIVATE INDUSTRY	PERSON TO CONTACT	PHONE NUMBER	CONTRACT NUMBER	DATE OF CONTRACT